Department of Primary Industries and Water — Water Management Act 1999 — **INFORMATION RELATING TO CONSTRUCTION OF A WATER BORE** — *Required under Section 131 of the Act*

Permit No. 658

Bore Number (Driller's Number): 0015 | **Is this a report on:** ☑ A new bore ☐ Backfilling (decommissioning a bore) ☐ Deepening an existing bore ☐ Rehabilitation (improving borehole performance)

Location of well (nearest town): Nook

Well sited by *(Driller, owner, other)*: Owner

Property name or Plan/Lot No.: 10565/1

Method of siting used *(geological or hydrogeological map, MRT database, diviner)*:

Owner/occupier name: Chris Walters

Well constructed by *(Company and Person)* — Company name: Spaulding Drillers

Owner's telephone contact number: 0418 370 646 — Driller name: J. Fielding

Address of owner/occupier in full: Gravel pit Road Nook Tas 7306

Date construction commenced: 16/1/2017 — Date construction completed: 17/1/2017

Address of borehole site (or ☑ if same as above)

Status of well: ☐ Operating ☑ Capped ☐ Abandoned ☐ Collapsed ☐ Other

Australian Survey Datum: AMG 66 or (GDA 94) — Easting: 444727 — Northing: 5425993 — ☑ GPS ☐ Other (specify) ☐ 1:25 000 map

Reason for the above status *(pump not yet installed backfilled due to difficult construction, etc.)*:

DRILLING SUMMARY

Drilling technique *(type of well construction)*: ☐ Cable tool (P) ☐ Auger ☐ Rotary air (R) ☑ Down-hole hammer (R) ☐ Rotary mud (R) ☐ Other (please specify)

Final depth of bore (m): | Original depth of bore (m):

DRILLER'S LOG

From (m)	To (m)	Rock type
0	42	Hard Basalt

BORE DIAMETER

From (m)	To (m)	Diameter (mm)	Drilling technique *(complete if multiple techniques used)*
0	42	178	DHH.

CASING – material *(PVC, ABS/thermoplastic, steel, FRP/fibreglass)*

From (m)	To (m)	Inside diameter (mm)	Outside diameter (mm)	Material
0	42	125	140	PVC

SCREEN – Inlet types *(slotted, perforated, porous, wire wound, open hole)*

From (m)	To (m)	Inlet type	Number/metre & size (mm)	Number/metre & diameter (mm)
24	42	Slotted	2x3mmx50m	Vertical
				3x6mm
				PVC

GRAVEL PACK

From (m)	To (m)	Material type and grain size (max, min & average)

SEAL and other annular fill material *(e.g. cement, bentonite, backfill)*

From (m)	To (m)	Material type and grain size (max, min & average)
1	0	Bentonite.
30	36	2

DEPTH TO WATER STRUCK (m)

From (m)	To (m)	Yield (L/s or gph)	SWL (m) before pumping	Drawdown (m)	Duration (h)	Conductivity (µS/cm)

Total yield = 2 ☑ L/s or ☐ gph ☐ dry bore

Average Field Conductivity (µS/cm): .1

DEVELOPMENT METHOD

☐ Bailed ☐ Pumped ☑ Air flow ☐ Other (specify) | Duration (h) .5

Standing Water Level (SWL) after development (m) 15

ARTESIAN BORE ON COMPLETION

Flow (L/s): | Pressure (kPa): | Temp. (°C):

Please complete details over page

Original form is to be completed and forwarded to Groundwater Management, GPO Box 44, Hobart, Tasmania 7001
Duplicate (yellow) to be retained by water bore owner. Triplicate (pink) to be retained by drilling company.

GW 4424